SEQUENCE LISTING

<110> Takeda Chemical Industries, Ltd.

<120> Screening Method Using CD100

<130> 46342/56,721

<140> 10/009,330
<141> 2001-12-03

<150> JP 11-157111
<151> 1999-06-03

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<212> PRT
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Lys	Gln	His	Glu	Val	Tyr	Trp	Lys	Val	Ser	Glu	Asp	Lys	Lys	Ser	Lys
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Ser Leu Leu Leu Phe Ile Phe Val Leu Phe Leu Cys Leu Phe Ser Tyr
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Gln Asn Gly Asp His Pro Lys Pro Ala Leu Asp Thr Gly Tyr Glu Thr
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Glu Gln Asp Thr Ile Thr Ser Lys Val Pro Thr Asp Arg Glu Asp Ser
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        35   40   45
Asn Tyr Ser Ala Leu Leu Leu Ser Glu Asp Lys Asp Thr Leu Tyr Ile
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Gly Ala Arg Glu Ala Val Phe Ala Val Asn Ala Leu Asn Ile Ser Glu
65   70   75   80
Lys Gln His Glu Val Tyr Trp Lys Val Ser Glu Asp Lys Lys Ala Lys
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Cys Ala Glu Lys Gly Lys Ser Lys Gln Thr Glu Cys Leu Asn Tyr Ile
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Arg Val Leu Gln Pro Leu Ser Ala Thr Ser Leu Tyr Val Cys Gly Thr
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Asn Ala Phe Gln Pro Ala Cys Asp His Leu Asn Leu Thr Ser Phe Lys
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Phe Leu Gly Lys Asn Glu Asp Gly Lys Gly Arg Cys Pro Phe Asp Pro
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Ala His Ser Tyr Thr Ser Val Met Val Asp Gly Glu Leu Tyr Ser Gly
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Page 5

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Asp Gly Glu Asp Asp Arg Val Tyr Phe Phe Phe Thr Glu Val Ser Val
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Glu Tyr Glu Phe Val Phe Arg Val Leu Ile Pro Arg Ile Ala Arg Val
                245                 250                 255
Cys Lys Gly Asp Gln Gly Gly Leu Arg Thr Leu Gln Lys Lys Trp Thr
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Ser Phe Leu Lys Ala Arg Leu Ile Cys Ser Arg Pro Asp Ser Gly Leu
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Val Phe Asn Val Leu Arg Asp Val Phe Val Leu Arg Ser Pro Gly Leu
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Lys Val Pro Val Phe Tyr Ala Leu Phe Thr Pro Gln Leu Asn Asn Val
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Thr Lys Trp Val Arg Tyr Asn Gly Pro Val Pro Lys Pro Arg Pro Gly
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Ala Cys Ile Asp Ser Glu Ala Arg Ala Ala Asn Tyr Thr Ser Ser Leu
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Asn Leu Pro Asp Lys Thr Leu Gln Phe Val Lys Asp His Pro Leu Met
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Asp Asp Ser Val Thr Pro Ile Asp Asn Arg Pro Arg Leu Ile Lys Lys
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Asp Val Asn Tyr Thr Gln Ile Val Val Asp Arg Thr Gln Ala Leu Asp
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Gly Thr Val Tyr Asp Val Met Phe Val Ser Thr Asp Arg Gly Ala Leu
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His Lys Ala Ile Ser Leu Glu His Ala Val His Ile Ile Glu Glu Thr
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Gln Leu Phe Gln Asp Phe Glu Pro Val Gln Thr Leu Leu Leu Ser Ser
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Lys His Val Leu Glu Val Lys Val Val Pro Lys Pro Val Val Ala Pro
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Thr Leu Ser Val Val Gln Thr Glu Gly Ser Arg Ile Ala Thr Lys Val
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Leu Val Ala Ser Thr Gln Gly Ser Ser Pro Pro Thr Pro Ala Val Gln
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Ala Thr Ser Ser Gly Ala Ile Thr Leu Pro Pro Lys Pro Ala Pro Thr
    690             695             700
Gly Thr Ser Cys Glu Pro Lys Ile Val Ile Asn Thr Val Pro Gln Leu
705             710             715             720
His Ser Glu Lys Thr Met Tyr Leu Lys Ser Ser Asp Asn Arg Leu Leu
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Met Ser Leu Phe Leu Phe Phe Phe Val Leu Phe Leu Cys Leu Phe Phe
            740             745             750
Tyr Asn Cys Tyr Lys Gly Tyr Leu Pro Arg Gln Cys Leu Lys Phe Arg
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Ser Ala Leu Leu Ile Gly Lys Lys Lys Pro Lys Ser Asp Phe Cys Asp
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Arg Glu Gln Ser Leu Lys Glu Thr Leu Val Glu Pro Gly Ser Phe Ser
785             790             795             800
Gln Gln Asn Gly Glu His Pro Lys Pro Ala Leu Asp Thr Gly Tyr Glu
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Thr Glu Gln Asp Thr Ile Thr Ser Lys Val Pro Thr Asp Arg Glu Asp
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Ser Gln Arg Ile Asp Asp Leu Ser Ala Arg Asp Lys Pro Phe Asp Val
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gg 3960
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at 4020
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<212> PRT
<213> Mouse

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Glu Asp Gly Glu Leu Thr Tyr Glu Asn Val Gln Val Ser Pro Val Pro
         35   40   45
Gly Gly Pro Pro Gly Leu Ala Ser Pro Ala Leu Ala Asp Lys Ala Gly
     50   55   60
Val Gly Ser Glu Gln Pro Thr Ala Thr Trp Ser Ser Val Asn Ser Ser
65   70   75   80
Ala Leu Arg Gln Ile Pro Arg Cys Pro Thr Val Cys Leu Gln Tyr Phe
                 85   90   95
Leu Leu Gly Leu Leu Val Ser Cys Leu Met Leu Gly Val Ala Val Ile
             100   105   110
Cys Leu Gly Val Arg Tyr Leu Gln Val Ser Arg Gln Phe Gln Glu Gly
             115   120   125
Thr Arg Ile Trp Glu Ala Thr Asn Ser Ser Leu Gln Gln Gln Leu Arg
130   135   140
Glu Lys Ile Ser Gln Leu Gly Gln Lys Glu Val Glu Leu Gln Lys Ala
145   150   155   160

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Arg Lys Glu Leu Ile Ser Ser Gln Asp Thr Leu Gln Glu Lys Gln Arg
                165                 170             175
Thr His Glu Asp Ala Glu Gln Gln Leu Gln Ala Cys Gln Ala Glu Arg
                180                 185             190
Ala Lys Thr Lys Glu Asn Leu Lys Thr Glu Glu Glu Arg Arg Arg Asp
                195                 200             205
Leu Asp Gln Arg Leu Thr Ser Thr Arg Glu Thr Leu Arg Arg Phe Phe
            210             215             220
Ser Asp Ser Ser Asp Thr Cys Cys Pro Cys Gly Trp Ile Pro Tyr Gln
        225             230             235             240
Glu Arg Cys Phe Tyr Ile Ser His Thr Leu Gly Ser Leu Glu Glu Ser
                245             250             255
Gln Lys Tyr Cys Thr Ser Leu Ser Ser Lys Leu Ala Ala Phe Asp Glu
                260             265             270
Pro Ser Lys Tyr Tyr Tyr Glu Tyr Leu Ser Asp Ala Pro Gln Val Ser
                275             280             285
Leu Pro Ser Gly Leu Glu Glu Leu Leu Asp Arg Ser Lys Ser Tyr Trp
        290             295             300
Ile Gln Met Ser Lys Lys Trp Arg Gln Asp Ser Asp Ser Gln Ser Arg
    305             310             315             320
His Cys Val Arg Ile Lys Thr Tyr Tyr Gln Lys Trp Glu Arg Thr Ile
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<213> Mouse

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tg   120
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ag   180
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ac   240
caactgcgac ctggagctct gtgaactcgt ctgctctcag gcagattccc cgctgtcc
ta   300
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gg   360
ctgtcatctg cctgggagtt cgctatctgc aggtgtctcg gcagttccag gagggac
ca   420
ggatttggga agccaccaat agcagcctgc agcagcagct cagggagaag ataagtca
gc   480
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ca   540
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ca   720
cctgctgtcc atgcggatgg attccatatc aggaaaggtg cttttacatc tcacatac
cc   780
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cc 1200
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              20   25   30
Asp Asp Gly Glu Ile Thr Tyr Glu Asn Val Gln Val Pro Ala Val Leu
          35   40   45
Gly Val Pro Ser Ser Leu Ala Ser Ser Val Leu Gly Asp Lys Ala Ala
      50   55   60
Val Lys Ser Glu Gln Pro Thr Ala Ser Trp Arg Ala Val Thr Ser Pro
65   70   75   80
Ala Val Gly Arg Ile Leu Pro Cys Arg Thr Thr Cys Leu Arg Tyr Leu
              85   90   95
Leu Leu Gly Leu Leu Leu Thr Cys Leu Leu Leu Gly Val Thr Ala Ile
             100   105   110
Cys Leu Gly Val Arg Tyr Leu Gln Val Ser Gln Gln Leu Gln Gln Thr
             115   120   125
Asn Arg Val Leu Glu Val Thr Asn Ser Ser Leu Arg Gln Gln Leu Arg
         130   135   140

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Leu Lys Ile Thr Gln Leu Gly Gln Ser Ala Glu Asp Leu Gln Gly Ser
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Arg Arg Glu Leu Ala Gln Ser Gln Glu Ala Leu Gln Val Glu Gln Arg
            165             170             175
Ala His Gln Ala Ala Glu Gly Gln Leu Gln Ala Cys Gln Ala Asp Arg
        180             185             190
Gln Lys Thr Lys Glu Thr Leu Gln Ser Glu Glu Gln Gln Arg Arg Ala
        195             200             205
Leu Glu Gln Lys Leu Ser Asn Met Glu Asn Arg Leu Lys Pro Phe Phe
    210             215             220
Thr Cys Gly Ser Ala Asp Thr Cys Cys Pro Ser Gly Trp Ile Met His
225             -   230             235             240
Gln Lys Ser Cys Phe Tyr Ile Ser Leu Thr Ser Lys Asn Trp Gln Glu
            245             250             255
Ser Gln Lys Gln Cys Glu Thr Leu Ser Ser Lys Leu Ala Thr Phe Ser
            260             265             270
Glu Ile Tyr Pro Gln Ser His Ser Tyr Tyr Phe Leu Asn Ser Leu Leu
        275             280             285
Pro Asn Gly Gly Ser Gly Asn Ser Tyr Trp Thr Gly Leu Ser Ser Asn
    290             295             300
Lys Asp Trp Lys Leu Thr Asp Asp Thr Gln Arg Thr Arg Thr Tyr Ala
305             310             315             320
Gln Ser Ser Lys Cys Asn Lys Val His Lys Thr Trp Ser Trp Trp Thr
            325             330             335
Leu Glu Ser Glu Ser Cys Arg Ser Ser Leu Pro Tyr Ile Cys Glu Met
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Thr Ala Phe Arg Phe Pro Asp
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cc   120
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gg   180
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tg   240
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cg   300
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gg   360
attctcccct gccgcacaac ctgcctgcga tacctcctgc tcggcctgct cctcacct
gc   420
ctgctgttag gagtgaccgc catctgcctg ggagtgcgct atctgcaggt gtctcagc
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ag  660
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aa  720
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tc  780
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gc  840
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ta  960
aattcactgt tgccaaatgg tggttcaggg aattcatatt ggactggcct cagctcta
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tg 1200
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<220>
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